

Title: Supplier Performance Reporting
 Inventor: Alvin WONG
 Application No.: To Be Assigned
 Docket No.: 426882004000

Sheet 1 of 7

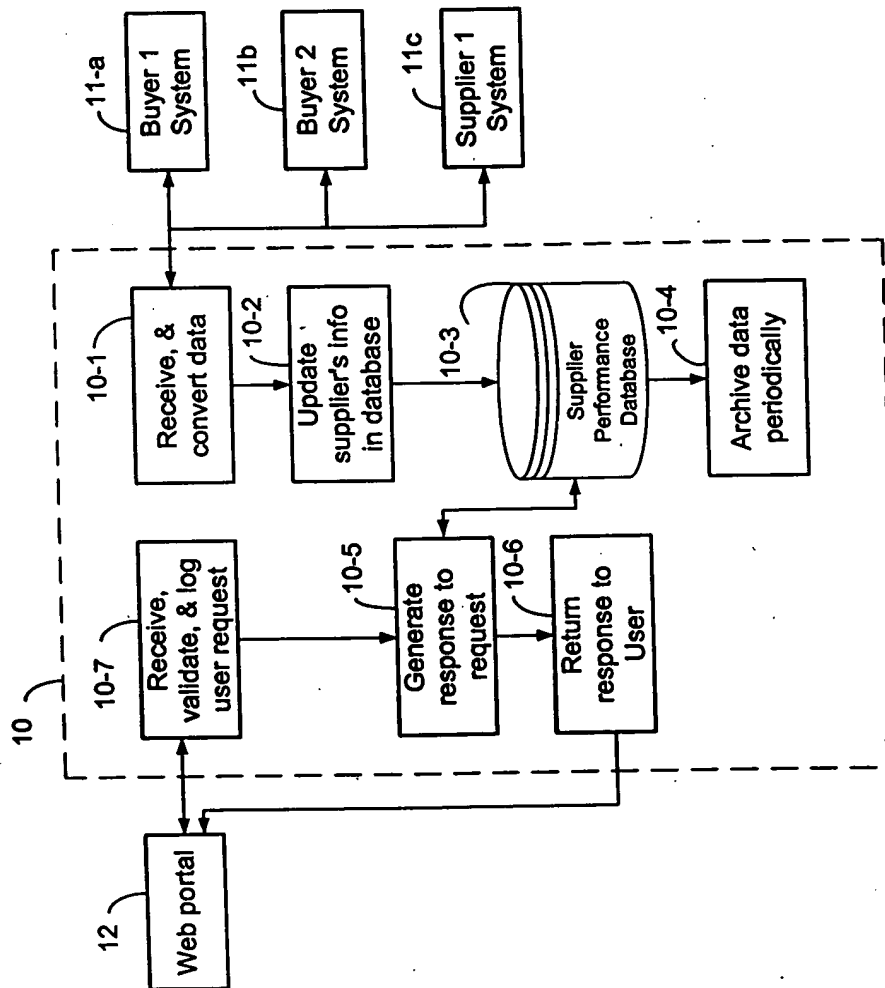


FIG. 1

20 Basic Purchase Order Data :

Record No.	Supplier Name	Start Point	End Point	Purchase Order No.	Line Item Number	Order Due Date	Invoice amount	Received date	Paid amount	Order Status	Customer Part Number	Manufacturer Part Number	Quantity	SIC code	Buyer Name
1	Jane Doe Co.	OC	CFD	X025A-1	1	10/1/01	\$60,000.00	10/1/01	60,000.00	Closed	F-2101	123-4567	5000	3324	GoodCo Inc.
2	Jane Doe Co.	OC	CFD	X025A-1	2	10/1/01	\$5,498.26	10/05/01	5000.00	Closed	SDD-3	100-3456	50	3311	GoodCo Inc.
3	Jane Doe Co.	OC	CFD	B89T	1	10/7/01	\$20.05	10/06/01	20.00	Closed	AA-02	789	2	2432	GoodCo Inc.
4	Jane Doe Co.	OS	SSD	B91T	1	9/28/01	1400.02	9/28/01	1,400.00	Closed	AA-03	1234A	800	5643	GoodCo Inc.
5	Max Doe Co.	OS	CRD	11893287	1	10/12/01	1,110.00	10/14/01	1,110.00	Closed	B123	1234A	800	5643	GoodCo Inc.

FIG. 2a

25 Summarized Purchase Order Data (summarized by Supplier for each Buyer):

Record No.	Supplier Name	Start Point	End Point	# of POs	# of Line Items	Orders On Time	Line Items On Time	Buyer Name
1	Jane Doe Co.	OC	CFD	2	3	1	2	GoodCo Inc.
2	Jane Doe Co.	OC	SSD	1	1	1	1	GoodCo Inc.
3	Max Doe Co.	OC	CRD	1	1	0	0	GoodCo Inc.

FIG. 2b

Title: Supplier Performance Reporting
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 Docket No.: 426882004000

Sheet 2 of 7

Title: Supplier Performance Reporting
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 Application No.: To Be Assigned
 Docket No.: 426882004000

Sheet 3 of 7

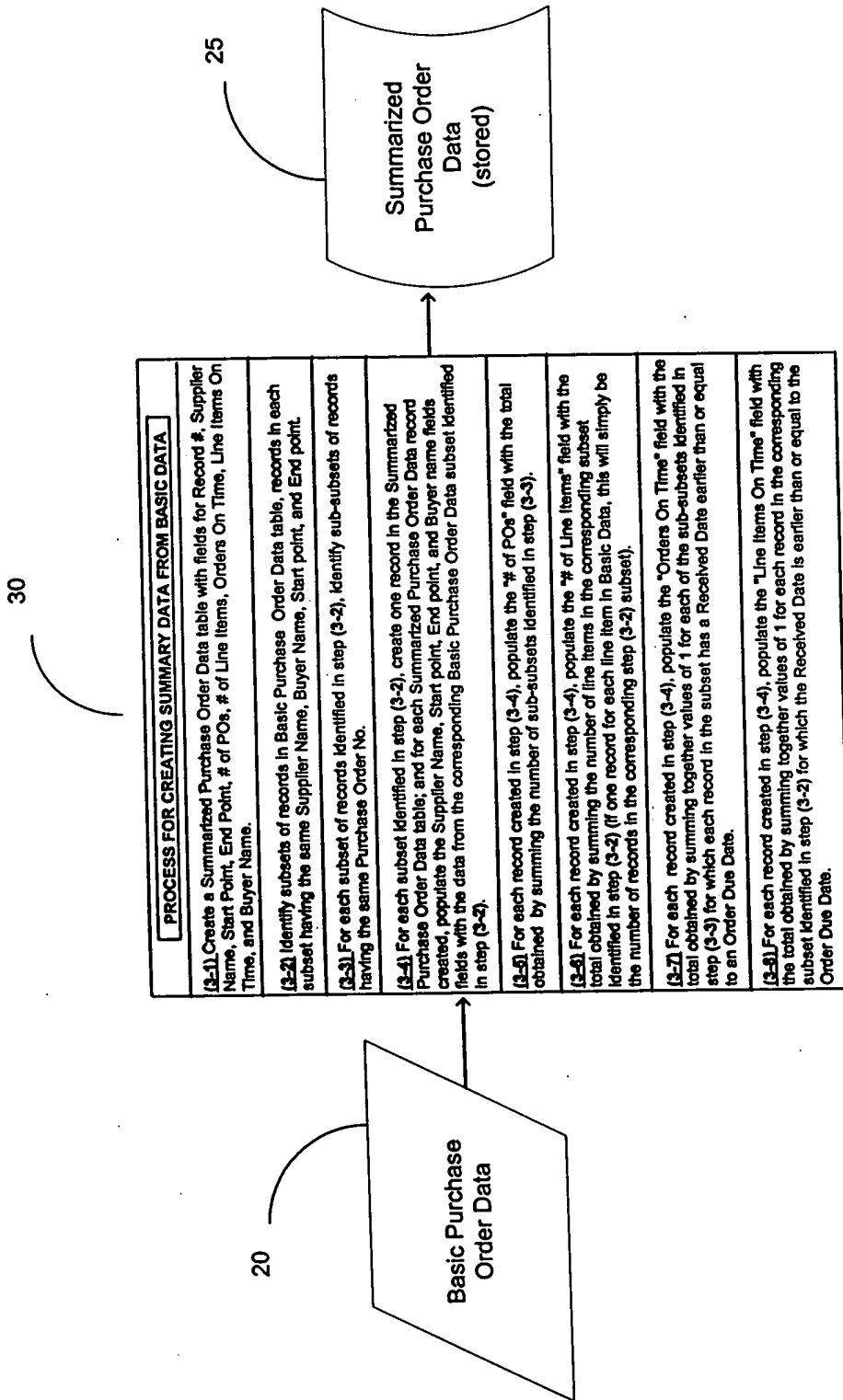
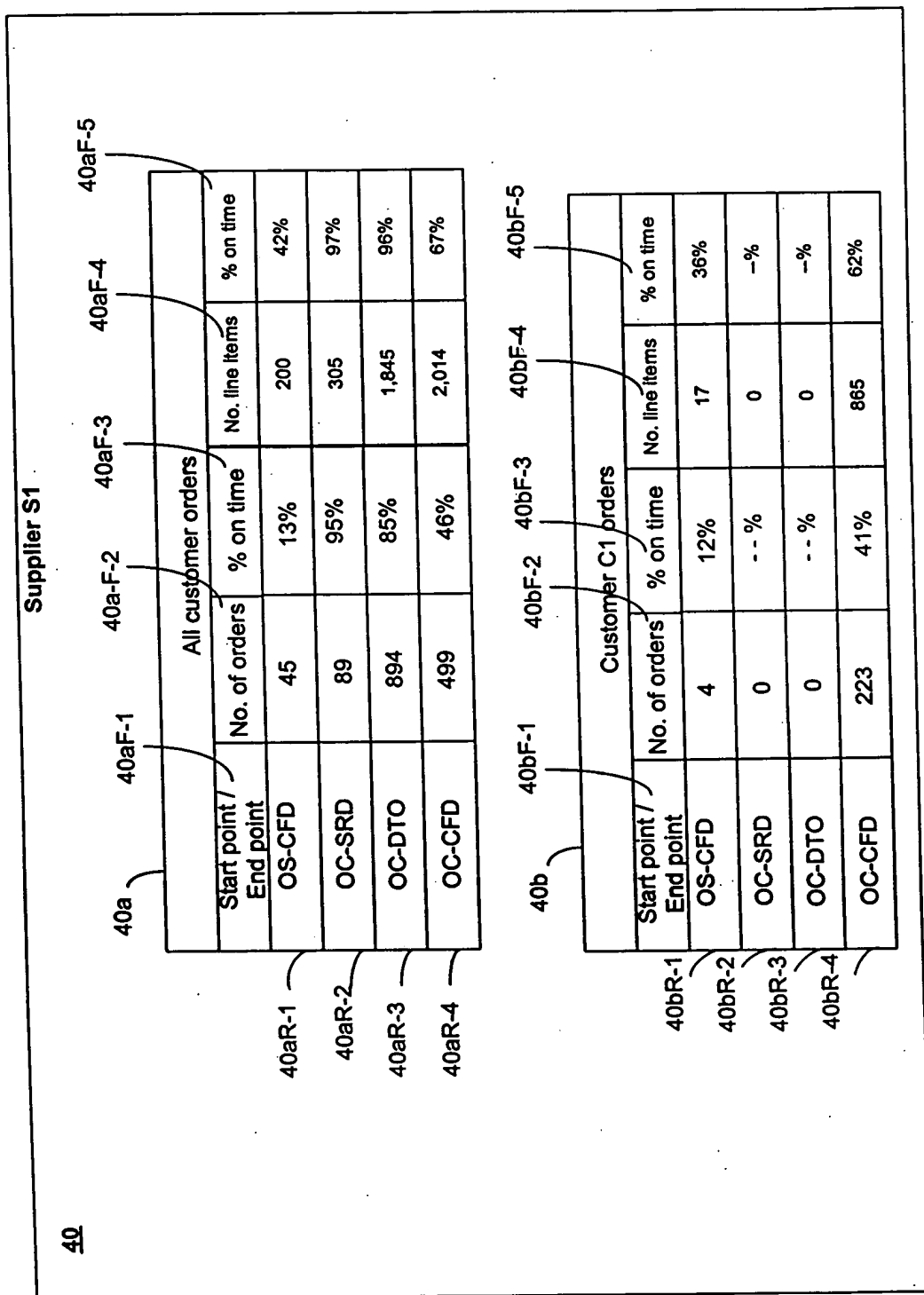


FIGURE 3

Title: Supplier Performance Reporting
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 Application No.: To Be Assigned
 Docket No.: 426882004000

Sheet 4 of 7



50

52

Supplier Report
(display data)

PROCESS FOR SUPPLIER S1 REPORT (all buyers)	
(5-1)	Create a display table titled "Supplier S1" having a plurality of records, each record including the fields "Start point/End point", "No. of orders", "%orders on time", "No. of line items", and "% line items on time".
(5-2)	In Summarized Purchase Order Data, identify a plurality of subsets of the plurality of Summarized Purchase order records, each record in the plurality of subsets having the same supplier (supplier S1), and each record in a respect one of the subsets having records with the same start point/ end point pair as the other records in the same subset.
(5-3)	For each subset in the plurality of subsets identified in step (5-2), create a corresponding record in the "Supplier S1" table (record numbers may or may not appear in a visual display of the table).
(5-4)	For each record created in step (5-3), populate the "Start point-End point" field with the Start point/End point corresponding to records in each subset identified in step (5-2).
(5-5)	For each record created in step (5-3), populate the "No. of orders" field with a total obtained by summing the number of orders value in each record of the corresponding subset identified in step (5-2).
(5-6)	For each record created in step (5-3), populate the "%orders on time" field with a percentage obtained by summing the orders on time value in each record of the corresponding subset identified in step (5-2), multiplying by 100, and dividing by the corresponding total obtained in step (5-5).
(5-7)	For each record created in step (5-3), populate the "No. of line items" field with a total obtained by summing the number of line items value in each record of the corresponding subset identified in step (5-2).
(5-8)	For each record created in step (5-3), populate the "% line items on time" field with a percentage obtained by summing the line items on time value in each record of the corresponding subset identified in step (5-2), multiplying by 100, and dividing by the corresponding total obtained in step (5-7).

51

Summarized Purchase
Order Data
(stored)

FIG. 5

Title: Supplier Performance Reporting
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Docket No.: 426882004000

Sheet 6 of 7

60			
61		Reject Performance Supplier S3	
61-c1		61-c2	
		Supplier lots to Customer C2	All supplier lots
61-r1	# of lots total	389	898
61-r2	Rejected due to supplier	2.0%	3.1%
61-r3	Rejected due to customer	1.4%	2.0%

FIG. 6

Title: Supplier Performance Reporting
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 Docket No.: 426882004000

Sheet 7 of 7

FIG. 7

